



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/713,598	11/14/2003	Carol Rudolph	4000335-148192	2011

23570 7590 06/06/2005

PORTER WRIGHT MORRIS & ARTHUR, LLP  
INTELLECTUAL PROPERTY GROUP  
41 SOUTH HIGH STREET  
28TH FLOOR  
COLUMBUS, OH 43215

EXAMINER

HAYES, BRET C

ART UNIT	PAPER NUMBER
----------	--------------

3644

DATE MAILED: 06/06/2005

Please find below and/or attached an Office communication concerning this application or proceeding.



**Office Action Summary**

Application No.

10/713,598

Applicant(s)

RUDOLPH, CAROL

Examiner

Bret C Hayes

Art Unit

3644

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 13 May 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-3 and 10-26 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3 and 10-26 is/are rejected.
- 7) ☒ Claim(s) 1 and 15 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_



## DETAILED ACTION

### *Claim Rejections - 35 USC § 112*

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 25 and 26 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

3. Claims 25 and 26 recite the limitation "the side walls" in lines 1 and 2 (1 time in each). There is insufficient antecedent basis for this limitation in the claims. Examiner notes that the limitation should be --sidewalls-- as in line 3 of the claims, for example.

### *Claim Rejections - 35 USC § 103*

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1 – 3, 9 – 11, 15 – 19 and 21 – 26 are rejected under 35 U.S.C. 103(a) as obvious over US Patent No. 4,352,340 to Strubelt.
6. Re – claims 1 and 15, Strubelt discloses the claimed invention including a one-piece litter box **A** comprising an apparently hexangular or octangular container **10**, best seen in Fig. 1, for example, have a base wall **20** with side walls **22** forming an apparently hexangularly or octangularly-shaped hollow interior space, a top opening, best seen in FIG. 2, for example, formed by upper edges of the sidewalls **22**, an entrance opening **24** formed in one of the



Art Unit: 3644

sidewalls 22, the opening 24 being circular and having a diameter in the range of about eight inches to about 10 inches {at col. 1, line 66, (1:66) Strubelt discloses “approximately three (3) inches of litter material”, which, from FIG. 2, measures just over 1 cm; the opening 24 in the same FIG. measures a full three (3) times that, which means that the opening 24 measures  $\approx 9$  inches (3 X 3 in.) in diameter, which meets the claimed limitation of about 8 to about 10 inches}, the opening 24 being sized and positioned to permit passage of the animal therethrough but substantially avoid escape of urine, feces and litter therethrough, the opening 24 being spaced below the top opening and, using the measurements from before, spaced at least 6 in. from the base wall 20 (see further explanation below), the opening being spaced above a bottom of the container a distance equal to at least forty percent of the height of the container (see further explanation below), the opening 24 being laterally centered on the sidewall 22 in which the opening 24 is formed, best seen in FIG. 1, for example, the sidewalls 22 being free of any openings other than opening 24, the opening 24 being free of any coverings, and the sidewalls 22 form a height of the container 10 which substantially prevents the animal from seeing over the sidewalls 22.

7. Further, re – claims 1 and 15, it has been held that the recitation that an element is “capable of” perform a function – “the animal can see”, for example, (*emphasis added*) is not a positive limitation but only requires the ability to so perform. It does not constitute a limitation in any patentable sense. *In re Hutchinson*, 69 USPQ 138. In this case, provided that the animal is of an appropriate size, the animal could see as claimed.

8. Additionally, it is noted that the claims are directed to an apparatus per se, not a method of operation.



Art Unit: 3644

However, the claims contain limitations concerning the method/manner of the animal entering, turning, facing, and exiting.

Note that it is well settled case law that such limitations, which are essentially method limitations or statements of intended or desired use, do not serve to patentably distinguish the claimed structure over that of the reference. See *In re Pearson*, 181 USPQ 641; *In re Yanush*, 177 USPQ 705; *In re Finsterwalder*, 168 USPQ 530; *In re Casey*, 152 USPQ 235; *In re Otto*, 136 USPQ 458; and, *Ex parte Masham*, 2 USPQ2d 1647.

See MPEP 2114, which states:

A claim containing a “recitation with respect to the manner in which a claimed apparatus is intended to be employed does not differentiate the claimed apparatus from a prior art apparatus” if the prior art apparatus teaches all the structural limitations of the claim, *Ex parte Masham*, 2 USPQ2d 1647; Claims directed to apparatus must be distinguished from the prior art in terms of the structure rather than functions, *In re Danly*, 120 USPQ 528, 531; and, Apparatus claims cover what a device is, not what a device does, *Hewlett-Packard Co. v. Bausch & Lomb Inc.*, 15 USPQ2d 1525, 1528.

9. Also, while patent drawings are not necessarily drawn to scale, relationships clearly shown in the drawings of a reference patent cannot be disregarded in determining the patentability of the claims. See *In re Mraz*, 59 CCPA 866, 455 F.2d 1069, 173 USPQ 25 (1972).
10. Strubelt does not explicitly state the opening 24 being at least 6 in. from the base wall 20. However, measuring as before from the bottom of the base wall 20 to the bottom of the opening 24, it would appear that the distance is nearly 6 in., and the difference between nearly 6 in. and at least 6 in. in the realm of litter boxes would be obvious to one of ordinary skill in the art at the time the invention was made, since it has been held that where the general conditions of a claim are disclosed in the prior art, discovering the optimum or workable ranges involves only routine skill in the art. *In re Aller*, 105 USPQ 233.



11. Strubelt discloses the center of the entrance opening **24** being spaced above a bottom of the container **10** a distance of roughly 25 percent of the height of the container **10**. Since no showing of criticality of this dimension, other than functional recitations, has been given, it would be obvious to one of ordinary skill in the art at the time the invention was made to space the opening **24** as any percentage of the overall height of the container as a function of the overall height of the container. In other words, despite any argument to the contrary and lacking any evidence to the contrary, it would not matter to a cat how tall the container was, rather the height and diameter of the opening allowing entrance. Further, Strubelt does not explicitly disclose the opening **24** being spaced above a bottom of the container **10** a distance equal to at least forty percent of the height of the container **10**. However, Strubelt appears to show the opening being within that range, therefore, this claimed limitation has been met. It is plain to see in Fig. 2, for example, that a cat is perfectly capable of exiting through the top of the container, as set forth in Applicant's Remarks section, page 8 of 10, when the lid is not present – as it is not present in Fig. 2, for example.

12. Strubelt discloses the claimed invention except for the container **10** being rectangular. It would have been obvious to one having ordinary skill in the art at the time the invention was made to substitute a rectangular container for the hexangular/octangular, since there is no invention in merely changing the shape or form of an article without changing its function except in a design patent. *Eskimo Pie Corp. v. Levous et al.*, 3 USPQ 23. In this case, while the container as disclosed by Strubelt appears to be circular at least at the top, it also appears to have flattened 'sides' (at least 6, possibly 8), which would inherently include the arguably preferred-to-be-used-by-cats corners. For one of ordinary skill in the art at the time the invention was



Art Unit: 3644

made to change this shape from at least 6 (and possibly 8) corners down to only four corners would not require an enormous inventive leap.

13. Alternatively, Claims 1 – 3, 9 – 11, 15 – 19 and 21 – 26 are rejected under 35

U.S.C. 103(a) as obvious over Strubelt in view of European Patent Application 0 372 659 A1 to Goemans.

14. Re – claims 1 and 15, Strubelt discloses the invention as claimed above except for the container 10 being rectangular. It would have been obvious to one of ordinary skill in the art at the time the invention was made to form the container in the shape of a rectangle for economical reasons as such is conventional in the art as shown by Goemans because a rectangular structure would be more economical to produce than the more elaborate structure as shown in Fig. 1 of Strubelt.

15. Further, Strubelt discloses the center of the entrance opening 24 being spaced above a bottom of the container 10 a distance of roughly 25 percent of the height of the container 10, except for the entrance opening being spaced above a bottom of the container a distance equal to at least forty percent of the height of the container. Goemans teaches an entrance opening being spaced above a bottom of the container a distance equal to at least forty percent of the height of the container, as best seen in Figs. 1 and 2, for example, in the same field of endeavor for the purpose of preventing cat litter pellets and/or excrements of a cat from being deposited beside the litter box, see co. 1, lines 2 – 9, for example. It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Strubelt to include the entrance opening being spaced above a bottom of the container a distance equal to at least forty percent of the height of the container as taught by Goemans in order to aid in retaining litter materials.



Art Unit: 3644

16. Re – claims 2 and 16, Strubelt discloses the sidewalls **22** being continuous except for the entrance opening **24**.

17. Re – claim 3, since Strubelt discloses at least 6 in. to the bottom of the opening **24** and  $\approx$  9 in. for the diameter, then from FIG. 2, it is clear that the height of the container **10** is at least 15 in. ( $6 + 9 = 15$ ). However, Strubelt does not explicitly disclose the height of the container being about 15 in. It would have been an obvious matter of design choice to change the size of the container to be about 15 in., since such a modification would have involved a mere change in the size of a component. A change in size is generally recognized as being within the level of ordinary skill in the art. *In re Rose*, 105 USPQ 237 (CCPA 1955). Further, in *Gardner v. TEC Systems, Inc.*, 725 F.2d 1338, 220 USPQ 777 (Fed. Cir. 1984), *cert. denied*, 469 U.S. 830, 225 USPQ 232 (1984), the Federal Circuit held that, where the only difference between the prior art and the claims was a recitation of relative dimensions of the claimed device and a device having the claimed relative dimensions would not perform differently than the prior art device, the claimed device was not patentably distinct from the prior art device.

18. Alternatively, Goemans teaches a litter box having a height of at least 35 cm, which is equivalent to 13.8 inches, which is about 15 inches, in the same field of endeavor for the purpose of retaining litter and/or excrement materials. It would be obvious to one of ordinary skill in the art at the time the invention was made to modify Strubelt to have the height if the container be about 15 inches as taught by Goemans in order to retain litter and/or excrement materials.

19. Re – claims 10 and 18, since the lid **12** disclosed by Strubelt is removable, it is not part of the structure of the container **10**, itself, and therefore, the top opening is entirely open and free of any covering, as shown in Fig. 2, for example.



Art Unit: 3644

20. Re – claims 11 and 19, from FIG. 1, it appears that the container 10 is opaque. However, Strubelt does not explicitly state that the container is made from a plastic material. It would have been obvious to one having ordinary skill in the art at the time the invention was made to make the container from a plastic material, since it has been held to be within the general skill of a worker in the art to select a known material on the basis of its suitability for the intended use as a matter of obvious design choice. *In re Leshin*, 125 USPQ 416. This is further evidenced by the fact that one would experience great difficulty attempting to find a litter box made of anything other than a plastic material today.

21. Re – claims 21 and 23, Strubelt discloses an interior surface being seamless, interfaces between sidewalls being rounded, and interfaces between the base wall and the sidewalls being rounded, as best seen in FIG. 2, for example.

22. Re – claims 22 and 24, while Strubelt discloses disposing a liner on which to place litter, the recitation of a new intended use for an old product does not make a claim to an old product patentable. *In re Schreiber*, 128 F.3d 1473, 1477, 44 USPQ2d 1429, 1431 (Fed. Cir. 1997). In this case, the device itself is to be used as a litter box for felines, and one of ordinary skill in the art at the time the invention was made would require no further impetus than either a shortage of liners or a cost prohibitive supply of liners to hit upon the idea of using the device without a liner. In fact, most commercially available litter boxes are designed to be used without liners.

23. Claims 12 and 20 are rejected under 35 U.S.C. § 103 as being unpatentable over Strubelt in view of US Patent No. 6,196,156 B1 to Denesuk et al.

24. Strubelt discloses the invention substantially as claimed as applied above. However, Strubelt does not disclose wherein the container is molded of a plastic material including an



Art Unit: 3644

antimicrobial material. Denesuk et al. teach an article 114 molded of a plastic material including an antimicrobial material, 4:40 – 5:55 in the same field of endeavor for the purpose of inhibiting microbes in domestic animal bedding. It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Strubelt to include the container being molded of a plastic material including an antimicrobial material as taught by Denesuk et al. in order to inhibit microbes.

25. Claims 13 and 14 are rejected under 35 U.S.C. § 103 as being unpatentable over Strubelt in view of US Patent No. Des. 380,880 to Reid.

26. Re – claim 13, Strubelt discloses the invention substantially as claimed as applied above. However, Strubelt does not disclose wherein the upper edges of the sidewalls form a lip having a round upward-facing surface. Reid teaches upper edges of sidewalls forming a lip having a round upward-facing surface in the same field of endeavor for the purpose of handling the litter box. It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Strubelt to include the upper edges of sidewalls forming a lip having a round upward-facing surface as taught by Reid in order to handle the litter box.

27. Re – claim 14, Strubelt discloses the invention substantially as claimed as applied above. However, Strubelt does not disclose wherein the upper edges of the sidewalls form a lip having a width of no more than one-half inch. Reid teaches the upper edges of the sidewalls forming a lip having a width of substantially no more than one-half inch in the same field of endeavor for the purpose of strengthening the structure of the litter box. It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Strubelt to include



Art Unit: 3644

the upper edges of sidewalls forming a lip having a width of no more than one-half inch as taught by Reid in order to strengthen the structure of the litter box.

28. Claims 25 and 26 are rejected under 35 U.S.C. § 103 as being unpatentable over Strubelt in view of Goemans in view of US Patent No. 4,624,380 to Wernette.

29. Strubelt in view of Goemans discloses the invention substantially as claimed as applied above. Strubelt in view of Goemans discloses two of the sidewalls having a longer width than the other two sidewalls and an entrance opening being laterally centered on one of the sidewalls. However, neither Strubelt nor Goemans discloses the entrance opening being laterally centered on one of the sidewalls having the longer width. Wernette teaches an entrance opening **58** being on one of the sidewalls **22** having the longer width, best seen in Figs. 2 and 3, for example, in the same field of endeavor for the purpose of allowing small kittens to enter a litter box. Since it was known to center an entrance opening on a sidewall, as disclosed by both Strubelt and Goemans, among many others, and since Wernette teaches an entrance opening on one of the sidewalls having the longer width, it would have been obvious to modify Strubelt in view of Goemans to implement an entrance opening on one of the sidewalls having the longer width as taught by Wernette, and to further center the opening along the wall, in order to allow all manner of cats within the litter box. Further, lacking any criticality or evidence to the contrary, it would have been obvious to one of ordinary skill in the art at the time the invention was made to so arrange the opening of the container, since it has been held that rearranging parts of an invention involves only routine skill in the art. *In re Japiske*, 86 USPQ 70. In this case, there is no apparent benefit from so arranging the container, short of Applicant's argument that a cat would prefer using the device, which brings up the question, and burden of proof of this assertion. Are



Art Unit: 3644

there any test results indicative of cats preferring, at a ratio of say 3:1, for example, Applicant's claimed invention over the prior art?

***Response to Arguments***

30. Applicant's arguments with respect to claims 1 – 3 and 10 – 26 have been considered but are moot in view of the new ground(s) of rejection. While examiner's rejection has been altered somewhat from the original, examiner has attempted to at least address what appears to be the main thrusts of Applicant's arguments within the body of the above rejection. However, since examiner made the rejection on 'new grounds', no response to arguments was necessary.

***Conclusion***

Any inquiry concerning this communication should be directed to Bret Hayes at telephone number (571) 272 – 6902. The examiner can normally be reached Monday through Friday from 5:30 am to 3:00 pm, Eastern Standard Time.

If attempts to contact the examiner by telephone are unsuccessful, the examiner's supervisor, Teri Luu, can be reached at (571)272 – 7045. The fax number is (703) 872 – 9306.

bh

30-May-05

  
MICHAEL J. CARONE  
SUPERVISORY PATENT EXAMINER